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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|------------------------------|------------------------|
| 10/755,770 | 01/12/2004 | Michael Gauselmann | ATR-A-127 | 1292 |
| 32566 7590 05/25/2007 PATENT LAW GROUP LLP 2635 NORTH FIRST STREET SUITE 223 SAN JOSE, CA 95134 | | | EXAMINER DEODHAR, OMKAR A | |
| | | | ART UNIT 3714 | PAPER NUMBER |
| | | | MAIL DATE 05/25/2007 | DELIVERY MODE PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|------------------------------|--------------------------------------|--|--|
| Office Action Summary | Application No. 10/755,770 | Applicant(s) GAUSELMANN, MICHAEL | |
| | Examiner Omkar A. Deodhar | Art Unit 3714 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 June 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

Non-Final Rejection

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Forbes (US 6,043,615) in view of Griswold et al. (US 6,027,115, hereafter: Griswold) in yet further view of Heidel et al. (US 6,014,594).

Forbes is directed to a method and apparatus for signaling promotional operation of a gaming device using lamps, (Abstracts).

Regarding claims 1-6 and 8, Forbes discloses the following:

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A gaming machine comprising a housing and a top light comprising a plurality of segments indicating game states, (Figure 1 & Col. 1. Lines 10-31); this also extends to the segment configuration of claim 8;

Controlling intensities of the light source, (Abstract);

Usage of red, green and blue light sources, (Col. 4. Lines 38-47); This is also interpreted as a variety of lighting colors, as recited in claim 6.

Forbes does not specifically indicate that the light sources must be LED's. The examiner believes that it would have been obvious to use LED's as light sources and such usage is readily recognized in the art.

In any case, Griswold discloses the usage of LED's as light sources, (Col.9. Lines 20-25). It is inherent that a module contains the LED chips, as recited in claim 5.

It would have been *prima facie* obvious to one of ordinary skill in the art at the time of Applicant's invention to use LED's in order to reduce power consumption. Additionally, various arrangements of LED's would be aesthetically pleasing.

Regarding claim 7, the light source forms a cylindrical structure, (Figure 1);

Regarding claim 9, Forbes is arguably silent regarding a display screen.

In a related disclosure, Heidel discloses a display screen in a housing, (Figure 1, item 24).

It would have been *prima facie* obvious to one of ordinary skill in the art at the time of Applicant' invention to incorporate a display screen for the purpose of indicating game activity to a player.

Regarding claim 10, Forbes is silent regarding multiple reels in the housing. Griswold, however, discloses reels in a housing, (Figure 1 & Figures 2A-2D);

It would have been *prima facie* obvious to one of ordinary skill in the art at the time of Applicant's invention to incorporate reels in a gaming machine for the purpose of providing optical displays on spinning reels of a slot machine.

Regarding claim 11,13 and 14, Forbes discloses that a microcontroller (Microchip Technologies, PIC16C54) is used for device operation, (Col. 8. Lines 29-31). Please note that the specific microcontroller has built-in memory. Please also refer to the disclosures of Color Signaling (Col. 3 – Col. 5) and Controllable Starter Circuit (Col. 6. – Col. 8). The element of conveying a denomination of the gaming device is disclosed with respect to signaling promotional operation, (Abstract).

Regarding claim 12, Forbes discloses that lighting characteristics are varied in response to gaming events, (Abstract & Col. 1. Lines 45-65); Additionally, one could certainly program the memory with top light control codes;

Regarding claim 15, Forbes is silent with respect to the feature of indicating a maintenance need to operators (casino personnel) via lighting.

In a related disclosure, Heidel discloses a gaming machine that signals casino personnel if a maintenance need should arise, (Col. 10. Lines 58-59).

It would have been *prima facie* obvious to one of ordinary skill in the art at the time of Applicant's invention to incorporate a signaling means to indicate maintenance needs. This signaling means could operate in a plurality of different ways, including via lighting elements. An indication via lighting elements would be obvious in view of

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Forbes's detailed disclosure regarding indicating events via lighting. One would be motivated to indicate a maintenance need, as claimed, for the purpose of alerting casino personnel in an effective manner. Additionally, a player accustomed to the gaming interface would realize that the gaming machine is not functioning properly, especially after seeing unfamiliar lighting patterns.

Regarding claim 16, Forbes discloses, in detail, the diffusion of a light source (and diffuser element) to eliminate bright or dim spots, (Col. 4. Lines 38-47).

Regarding claim 17, Forbes discloses features as presented above, but is silent regarding the specific method for controlling light sources as recited in the claim. It would have been *prima facie* obvious to one of ordinary skill in the art at the time of Applicant's invention to have controlled light sources in the manner claimed for the purpose of maximizing player interest.

Forbes discloses claims 18-20 as presented above, with respect to claims 11 and 13-15.

Remarks

No claim is allowed.

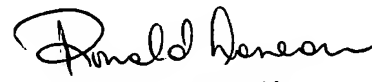
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Omkar A. Deodhar whose telephone number is 571-272-1647. The examiner can normally be reached on M-F 8 AM - 4:30 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Pezzuto can be reached on 571-272-6996. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

OAD


RONALD LANEAU
PRIMARY EXAMINER

5/23/07